

ABSTRACT OF THE DISCLOSURE

1 In a mobile communication network, a controlling node receives
2 capability information from a mobile terminal, indicating positioning
3 methods supported by the mobile terminal and selectability of the
4 positioning methods. In response to a location request message from a client
5 terminal requesting the location information of a target mobile terminal, the
6 controlling node transmits a first control message via a wireless node to the
7 target mobile terminal, containing a copy of requested accuracy of the
8 location information, if the capability information indicates that the target
9 mobile terminal is capable of selecting positioning methods. The mobile
10 terminal performs measurement according to a positioning method that
11 satisfies the requested accuracy. Otherwise, the controlling transmits a
12 second control message to the mobile terminal, specifying a positioning
13 method. In this case, the mobile terminal performs measurement according
14 to the specified positioning method.